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To:

NAME:	FACSIMILE:	TELEPHONE:
U.S. Patent and Trademark Office M/S. AF	(571) 273-8300	

FROM: Robert E. Scheid
Reg. No. 42,126

DATE: May 10, 2006

Number of pages with cover page:	16	
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Preparer of this slip has confirmed that facsimile number given is correct: 2451/jxh3

Comments:

Inventor: Scott MAKEIG et al.		Atty Docket No.: 532792000700
Application No.: 10/816.568	Filing Date: March 31, 2004	
Group Art Unit:: 2857	Examiner: P. Huynh	
Title: MONITORING AND REPRESENTING COMPLEX SIGNALS		
Documents Filed:		
Transmittal (1 page)		
Fee Transmittal w/duplicate copy for fee processing (2 pages)		
Amendment in Reply to Final Office Action (12 Pages)		
Facsimile Return Receipt Cover		
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P. 2

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PTO/SB/21 (09-04)

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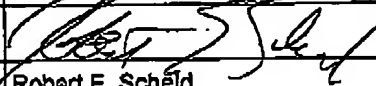
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/816,568
		Filing Date	March 31, 2004
		First Named Inventor	Scott MAKEIG
		Art Unit	2857
		Examiner Name	P. Huynh
Total Number of Pages in This Submission	15	Attorney Docket Number	532792000700

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form w/duplicate copy for fee processing (2 pages) <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (12 pages) <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Facsimile Return Receipt Cover
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	MORRISON & FOERSTER LLP (Customer No. 20872)		
Signature			
Printed name	Robert E. Scheld		
Date	May 10, 2006	Reg. No.	42,126

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Dated: May 10, 2006

Signature:  (Janet Holtrah)

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PTO/SE/17 (01-06)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL For FY 2006		Complete if Known					
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/816,568				
		Filing Date	March 31, 2004				
		First Named Inventor	Scott MAKEIG				
		Examiner Name	P. Huynh				
		Art Unit	2857				
TOTAL AMOUNT OF PAYMENT (\$)		200.00	Attorney Docket No. 532792000700				
METHOD OF PAYMENT (check all that apply)							
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____							
<input type="checkbox"/> Deposit Account Deposit Account Number: <u>03-1952</u> Deposit Account Name: <u>Morrison & Foerster LLP</u>							
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)							
<input type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee					
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments					
FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES							
	FILING FEES		SEARCH FEES		EXAMINATION FEES		
		Small Entity		Small Entity		Small Entity	
Application Type	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	0
Plant	200	100	300	150	160	80	0
Reissue	300	150	500	250	600	300	0
Provisional	200	100	0	0	0	0	0
2. EXCESS CLAIM FEES							
							Small Entity
Fee Description							Fee (\$)
Each claim over 20 (including Reissues)							50
Each independent claim over 3 (including Reissues)							200
Multiple dependent claims							360
							180
Total Claims Extra Claims Fee (\$)							Multiple Dependent Claims
32 - 22 = 0 x 25 =							Fee (\$)
HP = highest number of total claims paid for, if greater than 20.							180
Indep. Claims Extra Claims Fee (\$)							Fee Paid (\$)
5 - 3 = 2 x 100 =							0
HP = highest number of independent claims paid for, if greater than 3.							0
3. APPLICATION SIZE FEE							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(c)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(a).							
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)							Fee Paid (\$)
- 100 = / 50 (round up to a whole number) x							0
4. OTHER FEE(S)							
Non-English Specification, \$130 fee (no small entity discount)							0
Other (e.g., late filing surcharge):							0
SUBMITTED BY							
Signature		Registration No. 42,126		Telephone (415) 288-6369			
Name (Print/Type) Robert E. Schaid		Attorney/Agent		Date May 10, 2006			

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Docket No.: 532792000700
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Dated: May 10, 2006

Signature:

Janet Hollrah
(Janet Hollrah)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Scott MAKEIG et al.

Application No.: 10/816,568

Confirmation No.: 1246

Filed: March 31, 2004

Art Unit: 2857

For: MONITORING AND REPRESENTING
COMPLEX SIGNALS

Examiner: P. Huynh

REPLY TO FINAL OFFICE ACTION UNDER 37 CFR § 1.116

MS AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

This is in response to the final Office Action dated March 17, 2006 (Paper No. 20060308), for which a response was due on June 17, 2006. This response is filed within two months of the issuance of the final Office Action and therefore qualifies for expedited review. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

The Remarks begin on page 10 of this paper.

05/11/2006 YPOLITE1 00000029 031952 10016568
01 FC:2201 200.00 DA

The Conclusion begin on page 12 of this paper.

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